

A1  
exposing said bacteria to biological, chemical or physical stress  
for [at least] more than one period of time of 20 minutes or  
less so that the bacteria release a stress response product;  
separating said medium and stress response product from said  
bacteria to form a separated product;  
filtering said separated product to remove any [stress response  
products] components having a molecular weight of greater  
than 10kDa to form a filtrate;  
administering said filtrate to said animal.

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A2  
8. (Amended)

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The method of claim 1 wherein the bacteria are propagated at  
a temperature [of 37°C or less] ranging from approximately about  
22°C to approximately about 37°C.

Please cancel claim 9.

A3  
10. (Amended)

The method of claim 1 wherein the bacteria are exposed to a  
stress while they are in [their] the stationary phase of  
replication.

A4  
12. (Amended)

The method of claim 1 wherein the filtrate containing [the  
SRFs] stress response factors <10kDa is administered to an animal  
selected from the group consisting of humans, poultry, and  
livestock.

A5  
17. (Amended)

The method of claim 1 wherein the bacteria are exposed to  
short sequential periods of stress of approximately 10-20  
minutes.